

PATENT
Attorney Docket No. 82350

On page 4, please delete heading " DESCRIPTION OF EMBODIMENTS" and
replace with "DETAILED DESCRIPTION OF THE INVENTION"

Claim Amendments

The following is a complete listing of the claims of the present 35 U.S.C. § 371 application as searched by the International Search Authority during the international stage. The following listing of the claims is intended to replace all prior versions of claims in the application. Please make the following amendments to the claims.

Listing of Claims

1. (currently amended) System for detachable joining of beams (2) with square and/or rectangular cross-section for respective beam comprising two or more fixing plates (1) mounted in pairs on opposite sides of the beam and fixed along the beam by a friction joint maintained by tightening bolts (3, 9), whereby respective fixing plate comprises a first surface (21), the extension of which in at least one direction corresponds to a multiple of one beam width and a second surface (30) turned away from the beam, ~~characterised in that~~ wherein two or more beams are arranged to be joined in perpendicular and/or parallel directions by at least two opposite to each other arranged fixing plates (2), which are organized to bear on each other along the respective second surface (30) and whose mutual positions are fixed by locking elements (6, 13) in recessions (10) in the each other facing sides (30) of the fixing plates and which locking elements also constitute anchoring of the tightening bolts.
2. (currently amended) System according to claim 1, ~~whereby~~ wherein the locking elements are made of inner threaded sleeves (6).
3. (currently amended) System according to claim 2, ~~whereby~~ wherein the fixing plate comprises projections (26) arranged at respective corner of the plate.
4. (currently amended) System according to claim 3, ~~whereby~~ wherein stop screws (5), extending from the projections (26) are arranged to fix the position of the beams in a transverse direction in the friction joint, whereby a shape determined locking of the beams is achieved.
5. (currently amended) System according to claim 3, ~~whereby~~ wherein wedges (27), extending from the projections (26) are arranged to fix the position of the beams in a

transverse direction in the friction joint, whereby a shape determined locking of the beams is achieved.

6. (currently amended) System according to ~~any of the claims 2-5~~ claim 2, whereby wherein the sleeves (6, 12, 13) have longitudinal slots (17).

7. (currently amended) System according to ~~any of the proceeding claims~~ claim 1, whereby wherein the beams (2) are tubular beams.
